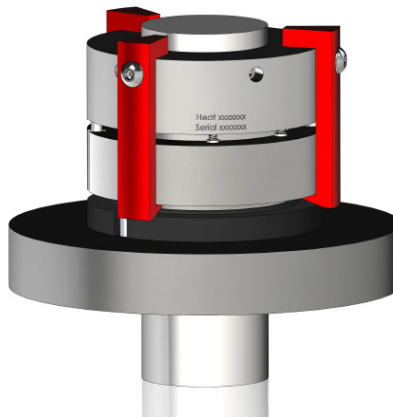


# Roplan BDRA

## Features

- For dry running top entry agitator applications
- Product contact parts fully traceable
- Externally mounted seal
- Suitable for vacuum conditions
- Setup clips included for ease of installation



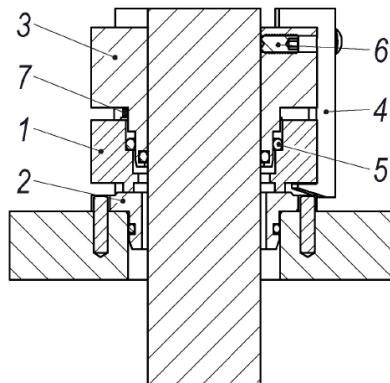
## Benefits

- No dynamic O-ring in contact with shaft or shaft sleeve prevents fretting and wear.
- Proprietary carbon grades greatly reduce noise.
- Seal has higher tolerance for shaft deflection and misalignment (up to 0.150" TIR).

# Single Mechanical Seal

## Items, Description, Material

1. Seal Ring - See code
2. Mating Ring - See code
3. Drive Ring - See code
4. Setup Clip - Aluminum
5. O-Ring - See code
6. Set Screw - 18/8
7. Coil Spring - 302

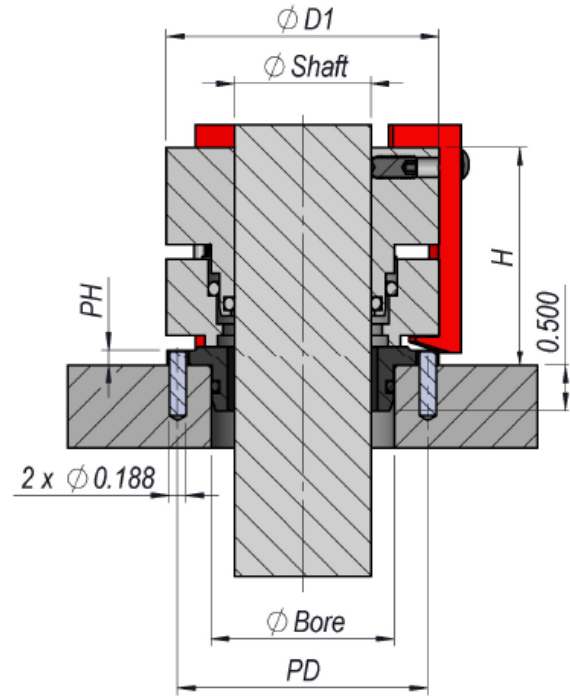


## Performance

Shaft diameter: 0.75" to 4"  
Temperature: -45°C (-50°F) to 200°C (390°F) (depending on material)  
Pressure: 6 bar  
Speed: 1200 RPM  
Contact Roplan for more specific performance information.

# Dimensions

Shaft Size	Bore	PD	PH	D1	H
0.75	1.269	2	0.2	2.25	2.437
1	1.519	2.25		2.5	
1.25	1.768	2.5		2.75	
1.5	2.017	2.75		3	
1.75	2.267	3	0.325	3.25	2.562
2	2.517	3.25		3.5	
2.25	2.766	3.5		3.75	
2.5	3.046	3.75		4	
2.75	3.295	4		4.25	
3	3.545	4.25		4.5	
3.5	4.045	5		5.25	
4	4.545	5.5		5.75	



# How to Order

Type	Size	Seal Ring	Mating Ring	Metal	Elastomer
BDRA	x	x	x	x	x
	075 (0.75")	C3 (Carbon)	S6 (Sic)	A4 (316L)	E1 (EPDM)
	100 (1")	C9 (Carbon)	T4 (WC-Ni)	A6 (2205)	E7 (EPDM Pharma)**
	:	J6 (PTFE-Carbon)		G2 (C276)	F1 (FKM)
	275 (2.75")			Other option available upon request	F7 (FKM Pharma)**
	300 (3")				L1 (Silicone)
	350 (3.5")				L7 (Silicone Pharma)**
	400 (4")				Z5 (FFKM)
					Q0 (FFKM Pharma)**
					P1 (FEP/FKM)**
					P3 (FEP Pharma/FKM)**
*Only product contact parts					
**All product contact parts traceable					

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